

Title (en)
WET OXIDATION OR OZONIZATION PROCESS

Title (de)
NASSOXYDATIONS- ODER OZONIERUNGSVERFAHREN

Title (fr)
PROCEDE D'OXYDATION PAR VOIE HUMIDE OU OZONATION

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Application
EP 01995732 A 20011218

Priority
• FR 0104038 W 20011218
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Abstract (en)
[origin: WO0249751A1] The invention concerns an oxidising method by wet process oxidation or ozonization of a liquid contained in a reactor. The gaseous roof (20) is sucked into the liquid, the part undissolved in the liquid is recuperated in the gaseous roof. The stirring means (2) generates a liquid flux immediately proximate to the end of the conduit (3) emerging into the liquid and generates a gas/liquid dispersion in the zone (15), wherein the liquid reacts with the gas, then transports and ejects said dispersion at its periphery, such that the gas is dissolved in the liquid in the zone (16) extending from the stirring means (2) to the surface of the liquid. The method is more particularly suitable for all oxidising processes using large amounts of oxygen or ozone. It is in particular used for oxidising paper-mill liquors.

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Citation (search report)
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